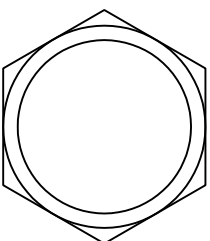
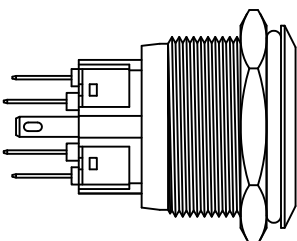
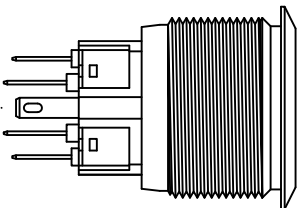


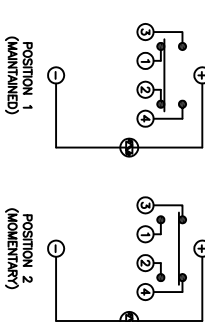
MAXIMUM PANEL THICKNESS: 0.394 [10.0mm]

SUGGESTED PANEL CUTOUT



EXPLODED VIEW

ASSEMBLED VIEW



SCHEMATIC

FUNCTION: 1PNO OFF-(ON) + 1PNC ON-(OFF)

- RATING:** 2A 48VDC
- ILLUMINATION VOLTAGE:** 1.8V 20mA
- CONTACT RESISTANCE:** Initial: 50mΩ Max. at 1A 12VDC
- INSULATION RESISTANCE:** 1,000MΩ Min. at 500VDC
- DIELECTRIC STRENGTH:** 2,000VAC Min. for 1 Minute
- ELECTRICAL LIFE:** 50,000 Cycles
- MECHANICAL LIFE:** 1,000,000 Cycles
- TEMPERATURE:** Operating: -20°C to 70°C
- INGRESS PROTECTION:** IP65
- APPROVALS:** ROHS COMPLIANT

**MATERIALS**

- BUSHING:** Stainless Steel (304)
- BASE:** Polyamide 6/6 (PA66)
- ACTUATOR:** Stainless Steel (304) / Polycarbonate (PC)
- HARDWARE:** Nickel Plated Brass (H59)
- SEALING:** Silicone Rubber
- INNER ASSEMBLY:** Polyamide 6/6 (PA66) / Polycarbonate (PC) / Polyoxymethylene (POM) / Brass (H59) / Stainless Steel / Beryllium Copper
- SPRING:** Stainless Steel
- CONTACTS:** Silver/Palladium Oxide (AgPdO)
- TERMINALS:** Brass
- O-RINGS:** Silicone Rubber
- COLORES AND FINISH**
  - BEZEL:** Stainless Steel Machine Finish
  - ACTUATOR:** Stainless Steel Machine Finish
  - ILLUMINATION:** Red (Forward) / Red (Reverse)
  - MARKING:** None

REV.	DATE	BY	CHK
A	09/07/08	CAB	
A	09/07/08	CAB	
A	09/07/08	CAB	

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INITIAL RELEASE DESCRIPTION	REV.
	A

DATE	DRAWN BY
10/10/22	CAB
DATE	CHK
10/31/21	BY

INCHES [MILLIMETERS]
GENERAL TOLERANCES ±0.008 [±0.2] / ±.1
SCALE DRAWING NOT TO SCALE
PROJECTION THIRD ANGLE

**PV8F2Y0SS-311**

PART NUMBER: 52-PV8F2Y0SS311  
 DATE: OCTOBER 22, 2010  
 REVISION: A